

Set	Items	Description
S1	11763	(DOCUMENT? ? OR BOOK? ? OR JOURNAL? OR MAGAZINE? OR PUBLIC- ATION? OR NEWSPAPER?) (2N) (ELECTRONIC? OR DIGITAL? OR COMPUTER- I? OR E)
S2	3560755	TRANSFER? OR TRANSMI? OR FORWARD? OR DOWNLOAD? OR RECEIV?
S3	936345	PRINT? OR FAX?? OR FACSIMILE? OR EMAIL? OR E()MAIL?
S4	702616	PRICE? OR FEE OR FEES OR BILL? OR PAY???? OR INVOIC? OR CH- ARG?
S5	912	S1(5N)S2
S6	27	S5 AND S3 AND S4

? show files
File 347:JAPIO Oct 1976-2002/Sep(Updated 030102)
(c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200308
(c) 2003 Thomson Derwent

6/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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06527136 **Image available**
DEVICE FOR DELIVERING **ELECTRONIC BOOKS** , RECEIVER FOR **ELECTRONIC BOOKS** , AND **CHARGING** SYSTEM FOR **ELECTRONIC BOOKS**

PUB. NO.: 2000-112857 [JP 2000112857 A]
PUBLISHED: April 21, 2000 (20000421)
INVENTOR(s): SANO KENJI
YAMAMOTO NAOKI
SHIMIZU HIROSHI
APPLICANT(s): HITACHI LTD
APPL. NO.: 10-279602 [JP 98279602]
FILED: October 01, 1998 (19981001)
INTL CLASS: G06F-013/00; G06F-003/12; G06F-017/60; G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To provide a means for preventing an electronic (E) book based on E information from being illegally copied and managing the **payment (charging)** of a **charge** at the time of copying a part of the E book with a **printer** and utilizing the **printed** contents as a book, in the management of **charging** for copying of the E book by the **printer** .
SOLUTION: The information of an E book is enciphered by an exclusive key (hereafter referred to as a reading key) and delivered. Thereby, the information of the E book can not be read out without deciphering it. At the time of receiving a **printing** request signal for the delivered E book, a **printing** request part is selected, a **printable** delivery file is formed and a **charging** condition is added to the file to deliver it. At the time of detecting that the file is **printed** out by a **printer** 16, it is **charged** for **printing** and then the file is prevented from being **printed** out.

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6/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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05674697 **Image available**
REQUEST RECEPTION DEVICE AND METHOD

PUB. NO.: 09-289497 [JP 9289497 A]
PUBLISHED: November 04, 1997 (19971104)
INVENTOR(s): NAKAMURA TETSUSHI
APPLICANT(s): NAKAMURA TETSUSHI [0000000] (An Individual), JP (Japan)
APPL. NO.: 08-126364 [JP 96126364]
FILED: April 23, 1996 (19960423)
INTL CLASS: [6] H04H-001/02; H04N-007/173
JAPIO CLASS: 44.5 (COMMUNICATION -- Radio Broadcasting); 44.4 (COMMUNICATION -- Telephone); 44.6 (COMMUNICATION -- Television)
JAPIO KEYWORD: R102 (APPLIED ELECTRONICS -- Video Disk Recorders, VDR); R138 (APPLIED ELECTRONICS -- Vertical Magnetic & Photomagnetic Recording)

ABSTRACT

PROBLEM TO BE SOLVED: To easily receive and select the music requests and

to improve the working efficiency of a person in **charge** of a music program by using a device containing the means to **receive** the **electronic documents** including the music names requested by the viewers or listeners, to extract the music names out of those documents and to output the extracted music names respectively.

SOLUTION: A request reception device 10 consists of a personal computer main body 12, a display 14, a keyboard 15 and a **printer** 16. A MODEM 18 contained in the body 12 is connected to a telephone circuit or an ISDN, etc., to perform the personal computer communication. The TV and radio broadcasting stations open the bulletin boards in various networks and broadcast the addresses of these bulletin boards to collect requests. Then a person in **charge** of a music program of a broadcasting station uses the device 10 to receive the electronic mails received by the bulletin boards via the MODEM 18 and extracts only the music names out of these received mails. Then the music to be used in the program are selected out of the extracted music names.

6/5/3 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015027743 **Image available**
WPI Acc No: 2003-088260/200308

Method for electronic commerce through internet game

Patent Assignee: KOO H S (KOOH-I)

Inventor: KOO H S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002061437	A	20020724	KR 20012742	A	20010117	200308 B

Priority Applications (No Type Date): KR 20012742 A 20010117

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002061437	A	1	G06F-017/60	

Abstract (Basic): KR 2002061437 A

NOVELTY - A method for an electronic commerce through an Internet game is provided to enable a user to perform a transaction through a web **document** of **E - mail transmitted** to oneself without connecting to a specific web document of a server.

DETAILED DESCRIPTION - Commodity seller(102,102,103) registers one's information in a database(108) of a server(107). A picture, a **price**, and information of a commodity are registered in the server(107). When the commodity is registered in the server(107), a web document having selling information of a corresponding commodity and a buying unit for buying a corresponding commodity is created based on a web document standard. **E - mail** addresses and other information of buyers(112,113) who wish to buy a corresponding commodity are registered in the database of the server(107). An **E - mail** address of a person who wishes to buy a commodity in advance and registered one's information in the database of the server(107) is inquired and the created web document is transmitted(114). A person who received **E - mail** including a unit for buying a corresponding commodity selects a buying unit and transmits the unit to the server(107). A person accepted firstly is selected as a buyer of the corresponding commodity.

pp; 1 DwgNo 1/10

Title Terms: METHOD; ELECTRONIC; THROUGH; GAME

Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

6/5/4 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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014769469 **Image available**
WPI Acc No: 2002-590173/200263
XRPX Acc No: N02-468400

Financial document transferring system has payee station which prints check according to payor station's instructions as identified by a unique authorization code

Patent Assignee: GUNDY J (GUND-I); YETSKO R (YETS-I)
Inventor: GUNDY J; YETSKO R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020083088	A1	20020627	US 2000252302	A	20001120	200263 B
			US 2001990591	A	20011121	

Priority Applications (No Type Date): US 2000252302 P 20001120; US 2001990591 A 20011121

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020083088	A1		4	G06F-015/00	Provisional application US 2000252302

Abstract (Basic): US 20020083088 A1

NOVELTY - A **payee** station **prints** a financial document e.g. check (28) according to **payor** station's instructions as identified by a unique authorization code. The code also indicates a **payor** station's identification and Internet **e - mail** address.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a financial document transferring method.

USE - For **transferring** financial **documents** e.g. check over the Internet.

ADVANTAGE - Enables quick and easy transfer of financial documents over the Internet.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram of financial document transferring system.

Check (28)

pp; 4 DwgNo 1/2

Title Terms: FINANCIAL; DOCUMENT; TRANSFER; SYSTEM; STATION; **PRINT** ; CHECK ; ACCORD; STATION; INSTRUCTION; UNIQUE; AUTHORISE; CODE

Derwent Class: T01; T05

International Patent Class (Main): G06F-015/00

File Segment: EPI

6/5/5 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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014746384 **Image available**
WPI Acc No: 2002-567091/200260
XRPX Acc No: N02-448892

Trackable electronic document method for verifying to a sender that an electronic document has been received by a recipient, includes a

server forming a trackable document including a unique tracking number
Patent Assignee: SWARM TECHNOLOGIES PTY LTD (SWAR-N)

Inventor: CRANITCH S

Number of Countries: 100 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200265349	A1	20020822	WO 2002AU132	A	20020212	200260 B

Priority Applications (No Type Date): AU 20013027 A 20010212

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200265349 A1 E 50 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU
ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

Abstract (Basic): WO 200265349 A1

NOVELTY - When first computer (2) **transmits** an image format
electronic document (5) to server (3), the server forms a trackable
document incorporating at least a link to the image format document,
associated recipient details and a unique reference number. The
trackable document (6) is transmitted to a second computer (7) where it
may be opened to display the image format document, at which time a
confirmation indicator is transmitted to the server and/or the first
computer.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

(a) A system for verifying to a sender that an **electronic
document** has been **received** by a recipient terminal; (A combination
of computer readable medium of instructions to facilitate verifying to
a sender that an **electronic document** has been **received** by a
recipient at a recipient terminal.

USE - For verifying that an electronic document has, or has not,
been delivered to a recipient, particularly, but not limited to,
electronic documents such as **invoices** , **bills** , statements or the
like, which are delivered as electronic mail documents over a network
such as the Internet.

ADVANTAGE - The trackable document provides an automatic delivery
confirmation which does not rely on the recipient to separately log
into a web page to view a document or to open an attachment, documents
are presented in substantially or exactly the same format as the
printed document would appear.

DESCRIPTION OF DRAWING(S) - The figure illustrates a schematic of a
system for trackable delivery electronic documents.

Computer systems ((3) Server ((5) Electronic document ((6)
Trackable electronic document. (2,7)

pp; 50 DwgNo 1/14

Title Terms: ELECTRONIC; DOCUMENT; METHOD; VERIFICATION; SEND; ELECTRONIC;
DOCUMENT; RECEIVE; RECIPIENT; SERVE; FORMING; DOCUMENT; UNIQUE; TRACK;
NUMBER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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014718200 **Image available**
WPI Acc No: 2002-538904/200257
XRPX Acc No: N02-426878

Method of preparing composite documents for transmission of secure information involves adhesively joining peripheral regions of two laminar sheets, with central region of one bearing information, in face-to-face relationship

Patent Assignee: QTAC SOLUTIONS LTD (QTAC-N)
Inventor: PRATER P J
Number of Countries: 098 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200260771	A1	20020808	WO 2002GB400	A	20020130	200257 B
GB 2375991	A	20021204	GB 20022134	A	20020130	200304

Priority Applications (No Type Date): GB 200110332 A 20010427; GB 20012414 A 20010131; GB 20012917 A 20010206

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200260771	A1	E	30	B65D-027/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

GB 2375991 A B42D-005/02

Abstract (Basic): WO 200260771 A1

NOVELTY - The method involves the steps of preparing a first laminar sheet(13) with peripheral region(15) separable from a central region(14) of the sheet. A second central region(19) of a second laminar sheet(12) is provided containing the information, and the two laminar sheets are positioned in face-to-face relation. The face of the element bearing the information faces the other element and the two are secured together around the peripheral region of it. Adhesive is provided on the peripheral region of one or both of the elements prior to contacting the peripheral regions together for adhesion.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also includes for an apparatus for assembling secure composite documents.

USE - For providing secure composite **documents** (claimed) used **e .g.** in the **transmission** of **payment** details on payslips and also PIN numbers for credit cards etc.

ADVANTAGE - The documents can be **printed** with any form of **printer** , esp. laser, ink jet or bubble jet(non-impact) **printer** and the document does not require folding to conceal the information once it has been applied to the document.

DESCRIPTION OF DRAWING(S) - Shows a schematic perspective view of the composite document

first laminar sheet (13)
second laminar sheet (12)
peripheral region (15)
second central region (19)
pp; 30 DwgNo 1/6

Title Terms: METHOD; PREPARATION; COMPOSITE; DOCUMENT; TRANSMISSION; SECURE ; INFORMATION; ADHESIVE; JOIN; PERIPHERAL; REGION; TWO; LAMINA; SHEET; CENTRAL; REGION; ONE; BEARING; INFORMATION; FACE; FACE; RELATED
Derwent Class: P76; Q32

International Patent Class (Main): B42D-005/02; B65D-027/00
File Segment: EngPI

6/5/7 (Item 5 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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014703402 **Image available**
WPI Acc No: 2002-524106/200256
XRPX Acc No: N02-414966

Electronic documents **distribution system** transmits **claim record**
indicating billing information to **transmitting system**, in response to
message received from reception system

Patent Assignee: DYNALAB INC (DYNA-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002169969	A	20020614	JP 2000362131	A	20001129	200256 B

Priority Applications (No Type Date): JP 2000362131 A 20001129

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002169969 A 24 G06F-017/60

Abstract (Basic): JP 2002169969 A

NOVELTY - The message containing the name and address and the delivery type of the **electronic document** are **transmitted** to a reception system (24) through a delivery substitute server (26). On reception of response message from the reception system, a claim record indicating the **billing** information is transmitted to a transmitting system (22) by the server.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for electronic documents delivery method.

USE - For delivering electronic documents through **E - mail**, etc.

ADVANTAGE - Electronic documents can be delivered effectively using simple technique.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the electronic documents distribution system. (Drawing includes non-English language text).

Transmitting system (22)
Reception system (24)
Delivery substitute server (26)
pp; 24 DwgNo 1/22

Title Terms: ELECTRONIC; DOCUMENT; DISTRIBUTE; SYSTEM; TRANSMIT; CLAIM;
RECORD; INDICATE; **BILL**; INFORMATION; TRANSMIT; SYSTEM; RESPOND; MESSAGE
; RECEIVE; RECEPTION; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-013/00; G06F-019/00

File Segment: EPI

6/5/8 (Item 6 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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014681555
WPI Acc No: 2002-502259/200254
XRPX Acc No: N02-397612

Printing interface has a wireless device receiving electronic documents from a handheld electronic device and passing them to a printer device which prints a document in response to a payment received by a payment device

Patent Assignee: RICOH KK (RICO)

Inventor: YAMAGUCHI S

Number of Countries: 027 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1217824	A2	20020626	EP 2001310497	A	20011217	200254 B
JP 2002287944	A	20021004	JP 2001388228	A	20011220	200280

Priority Applications (No Type Date): US 2000747650 A 20001222

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1217824 A2 E 13 H04N-001/34

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI TR

JP 2002287944 A 10 G06F-003/12

Abstract (Basic): EP 1217824 A2

NOVELTY - The **payment** device requires the user to make a **payment** for each hard-copy **print** which is made by the device. The **payment** may be made using physical currency or through a card reader or by receiving CyberCash (TM) over the wireless device.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for

(a) a **printing** interface receiving documents for **printing** over a wireless device which is shielded so as to receive signals only from sources in front of the device

(b) a method for **printing electronic documents received** over a wireless connection

(c) and a computer program for carrying out the method for **printing electronic documents received** over a wireless connection

USE - **Printing** documents received on handheld portable devices such as PDA's, Palm Pilots, and cellular telephones.

ADVANTAGE - Provides a device to receive and **print** out hard copies of documents received from a handheld device.

pp; 13 DwgNo 0/5

Title Terms: **PRINT** ; INTERFACE; WIRELESS; DEVICE; RECEIVE; ELECTRONIC; DOCUMENT; ELECTRONIC; DEVICE; PASS; **PRINT** ; DEVICE; **PRINT** ; DOCUMENT; RESPOND; **PAY** ; RECEIVE; **PAY** ; DEVICE

Derwent Class: T01; T04; T05; W01

International Patent Class (Main): G06F-003/12; H04N-001/34

International Patent Class (Additional): G06F-017/60; G06K-017/00; G07F-017/26

File Segment: EPI

6/5/9 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014675874 **Image available**

WPI Acc No: 2002-496578/200253

XRPX Acc No: N02-393142

Electronic rental library receives book data such as title from client and forwards it by electronic-mail to client

Patent Assignee: TAKAI K (TAKA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002163465	A	20020607	JP 2000360761	A	20001128	200253 B

Priority Applications (No Type Date): JP 2000360761 A 20001128

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002163465	A	3	G06F-017/60	

Abstract (Basic): JP 2002163465 A

NOVELTY - The book data such as title, input by the client is received by a rental bookstore server (1). The server **forwards** the requested book data by **e - mail** to the client and the rental accounts is settled by on-line system.

USE - Electronic rental library.

ADVANTAGE - The magazine rental **charge** is cheaper. The rental bookstore which does electronic **price** settlement of accounts is realized.

DESCRIPTION OF DRAWING(S) - The figure shows the rental structure of a publication. (Drawing includes non-English language text).

Rental bookstore server (1)

pp; 3 DwgNo 1/1

Title Terms: ELECTRONIC; RENT; LIBRARY; RECEIVE; BOOK; DATA; TITLE; CLIENT; FORWARD; ELECTRONIC; MAIL; CLIENT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

6/5/10 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014632003 **Image available**

WPI Acc No: 2002-452707/200248

System and method for managing document at on-line/off-line

Patent Assignee: MARKANY INC (MARK-N)

Inventor: CHO J S; CHOI J U; JANG W H; LEE W H; SEO J S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002003843	A	20020115	KR 200169974	A	20011110	200248 B

Priority Applications (No Type Date): KR 200169974 A 20011110

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002003843	A	1	G06F-017/00	

Abstract (Basic): KR 2002003843 A

NOVELTY - A system and a method for managing a document at on-line/off-line are provided to manage a document totally for achieving a control of a copy and a distribution and a prevention a falsification of an electronic document and a **printed** document **printing** the document at an on-line/off-line.

DETAILED DESCRIPTION - An **electronic** civil affairs **document** issuing/ **transmitting** server(10) is connected to a user terminal(22), an electronic civil affairs institution(30) and a financial institution(40) by a remote control through a PSDN(Packet Switched Data Network)(20) which is a packet data communication network. The server(10) codes and stores various kinds of electronic civil affairs

documents being supplied in the electronic civil affairs institution(30) and **downloads** an **electronic** civil affairs **document** requested by the corresponding user to the user terminal(22) through the PSDN(20). The server(10) is connected to an operator computer(12), and various detail contents as an issuing of an **electronic** civil affairs **document** and a **transmission** operation may be set by a command being received from the operator computer(12). A server operator manages the server(10) and controls an operation through the operator computer(12). The server(10) is connected to the financial institution(40) through the PSDN(20), and transmits **charging** information according to the corresponding users in accordance with supplying an electronic civil affairs document to the financial institution(40) for a calculation when the document is supplied to a user. The electronic civil affairs institution(30) supplies various kinds of an electronic civil affairs document to the server(10) through the PSDN(20).

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; METHOD; MANAGE; DOCUMENT; LINE; LINE

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

6/5/11 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014631762 **Image available**

WPI Acc No: 2002-452466/200248

Apparatus and method for processing authentication of electronic document using internet

Patent Assignee: GOOD LAW CO LTD (GOOD-N)

Inventor: KIM J H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002003142	A	20020110	KR 200159676	A	20010926	200248 B

Priority Applications (No Type Date): KR 200159676 A 20010926

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002003142	A	1	G06F-017/00	

KR 2002003142 A 1 G06F-017/00

Abstract (Basic): KR 2002003142 A

NOVELTY - An apparatus and method for processing an authentication of an electronic document using the Internet is provided to improve reliability law information.

DETAILED DESCRIPTION - An **e - mail** server(100) receives log-in information transmitted from a client computer(600) connected to the Internet(500). The **e - mail** server(100) generates **e - mail** document data and web document data. In addition, the **e - mail** server(100) transmits the data to the client computer(600). A web server(200) transmits script translator information to the **e - mail** server(100). The web server(200) collects information from a contents authentication database(410) and generates documents. After that, the web server(200) transmits the documents to the client computer(600). A database server(300) allocates and processes the **e - mail document** data **transmitted** from the **e - mail** server(100). A database(400) connected to the database server(300) stores determined information transmitted from the database server(300). The database(400) includes the contents

authentication database(410), a member information database(420), a credit **payment** database(430), an agreement document database(440) and a contract document database(450).

pp; 1 DwgNo 1/10

Title Terms: APPARATUS; METHOD; PROCESS; AUTHENTICITY; ELECTRONIC; DOCUMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

6/5/12 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014591835 **Image available**

WPI Acc No: 2002-412539/200244

Business model between electronic newspaper supplier and reader

Patent Assignee: KIM J H (KIMJ-I)

Inventor: KIM J H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001114125	A	20011229	KR 200034345	A	20000621	200244 B

Priority Applications (No Type Date): KR 200034345 A 20000621

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001114125	A		1	G06F-017/60	

Abstract (Basic): KR 2001114125 A

NOVELTY - A business model between an electronic newspaper supplier and a reader is provided to circulate a **printed** newspaper by an electronic device.

DETAILED DESCRIPTION - An **electronic newspaper** supplier(2) **receives** a newspaper from one or more newspaper offices(1-1,1-2,1-N) by a digital data format, compresses the digital data, and transfers the compressed data to a set top box(3-1,3-N) of each reader which is addressed based on a reader. The set top box **receives** the digital data from the **electronic newspaper** supplier and stores the **received** digital data in a memory device of the set top box. A reader shows a newspaper through a TV monitor by processing the digital data stored in the memory device so as to be converted into a signal capable of being indicated through the TV monitor. The **electronic newspaper** supplier levies a digital data **transfer charge** of each newspaper provided to the set top box of each reader, together with a rent.

pp; 1 DwgNo 1/10

Title Terms: BUSINESS; MODEL; ELECTRONIC; NEWSPAPER; SUPPLY; READ

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

6/5/13 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014584713 **Image available**

WPI Acc No: 2002-405417/200243

XRPX Acc No: N02-318278

Internet jobseekers references repository operates reference server e -

mailing reference employer to request reference document as image
Patent Assignee: RITZEL W D (RITZ-I)

Inventor: RITZEL W D

Number of Countries: 097 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200233634	A1	20020425	WO 2001US42296	A	20010926	200243 B
US 20020049774	A1	20020425	US 2000241369	A	20001019	200243
			US 2001960512	A	20010924	
AU 200196906	A	20020429	AU 200196906	A	20010926	200255

Priority Applications (No Type Date): US 2001960512 A 20010924; US
2000241369 P 20001019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200233634 A1 E 61 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020049774 A1 G06F-007/00 Provisional application US 2000241369

AU 200196906 A G06F-017/60 Based on patent WO 200233634

Abstract (Basic): WO 200233634 A1

NOVELTY - Repository comprises a prospective employee or jobseeker,
named reference source, recruiter-employer and employee reference
server computers connected to the Internet plus an employee reference
server databank. The jobseeker registers his demographic information
and references with the reference server for entry into the database
and an e-mail is sent to the reference employer to request a
reference document. A list of references is then accessed and the
recruiter receives document images by e-mail on payment of a
fee.

DETAILED DESCRIPTION - There is an INDEPENDENT CLAIM for a method
of providing a repository for jobseeker references.

USE - Method is for Internet registration of jobseekers references
for access to letters of recommendation by prospective employers.

DESCRIPTION OF DRAWING(S) - The figure shows a repository for
jobseekers references on the Internet.

pp; 61 DwgNo 1a/4

Title Terms: REFERENCE; REPOSITORY; OPERATE; REFERENCE; SERVE; REFERENCE;
REQUEST; REFERENCE; DOCUMENT; IMAGE

Derwent Class: T01

International Patent Class (Main): G06F-007/00; G06F-017/60

File Segment: EPI

6/5/14 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014413673 **Image available**

WPI Acc No: 2002-234376/200229

Method for retrieving e-mail address book of unified messaging system

Patent Assignee: MDM I & C CO LTD (MDMI-N)

Inventor: KIM C H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Bode Akintola 07-Feb-03

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001099095	A	20011109	KR 200152607	A	20010829	200229 B

Priority Applications (No Type Date): KR 200152607 A 20010829

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001099095	A		1 H04Q-007/24	

Abstract (Basic): KR 2001099095 A

NOVELTY - A method for retrieving an **E - mail** address book of a unified messaging system is provided to shorten a message transmission time of a transmitter and save a communication **charge** by retrieving the **E - mail** address book.

DETAILED DESCRIPTION - A **facsimile** message of a **facsimile** or a voice message of a telephone inputted through a transmitter is stored in a database block through a control signal of a service control processor block(S4). The service control processor block transmits a control signal for transmitting the second guide mention to the transmitter to a guide mention unit, and the guide mention unit provides the second guide mention to the transmitter(S5). The transmitter hears the second guide mention and inputs a receiver number for receiving a message through a number input unit of the telephone or a number input unit of the **facsimile** (S6). If a control signal is **transmitted** to an **E - mail** address **book** retrieving unit, the service control processor block judges whether the receiver number exists in an **E - mail** address box of an **E - mail** database(S7). If an **E - mail** address of the receiver, and the character message of the **facsimile** or the voice message of the telephone are inputted to a media conversion block, the media conversion block converts the **E - mail** address, and the character message or the voice message into a format capable of being transmitted as an **E - mail** (S8). The converted message is transmitted to an **E - mail** address place of the receiver through a mail server(S9), and the receiver receives the voice message of the telephone or the character message of the **facsimile** using the **E - mail** (S10).

pp; 1 DwgNo 1/10

Title Terms: METHOD; RETRIEVAL; MAIL; ADDRESS; BOOK; UNIFIED; MESSAGING; SYSTEM

Derwent Class: W01; W02

International Patent Class (Main): H04Q-007/24

File Segment: EPI

6/5/15 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014181569 **Image available**

WPI Acc No: 2002-002266/200201

XRPX Acc No: N02-001718

Digital information printing system for printing bills of fee collection system, has computers that transmit digital data to document servers that are linked to service terminals of print stations

Patent Assignee: NIPPON TECHNO LAB KK (NITE-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001216106	A	20010810	JP 200026334	A	20000203	200201 B

Priority Applications (No Type Date): JP 200026334 A 20000203

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001216106 A 9 G06F-003/12

Abstract (Basic): JP 2001216106 A

NOVELTY - The computers (10-12) transmit digital data through Internet (3) to the document servers (40-44). Each documents server is linked to service terminals of **print** stations (50-55). The document servers transmit received data to service terminals.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Digital information **printing** method;

(b) **Bill printing** method

USE - For **printing bills** of **fee** collection system, and for acquiring target newspaper, magazine report, scientific paper and collection of photograph in the screen of service terminal.

ADVANTAGE - Enables to acquire target data on a service terminal which is not directly connected to Internet.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the digital information **printing** system. (Drawing includes non-English language text).

Internet (3)

Computers (10-12)

Document servers (40-44)

Print stations (50-55)

pp; 9 DwgNo 1/5

Title Terms: DIGITAL; INFORMATION; **PRINT** ; SYSTEM; **PRINT** ; **BILL** ; **FEE** ;
COLLECT; SYSTEM; COMPUTER; TRANSMIT; DIGITAL; DATA; DOCUMENT; SERVE; LINK
; SERVICE; TERMINAL; **PRINT** ; STATION

Derwent Class: T01; T04; W01; W02

International Patent Class (Main): G06F-003/12

International Patent Class (Additional): B41J-029/38; G06F-013/00;

H04M-011/00

File Segment: EPI

6/5/16 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013747590 **Image available**

WPI Acc No: 2001-231819/200124

XRPX Acc No: N01-165553

Digital compound machine, has controller to extract identification mark on condition that search sheet for facsimile was produced, and search document corresponding to identification mark

Patent Assignee: MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS (MATY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001036714	A	20010209	JP 99204164	A	19990719	200124 B

Priority Applications (No Type Date): JP 99204164 A 19990719

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001036714 A 13 H04N-001/32

Abstract (Basic): JP 2001036714 A

NOVELTY - A document controller generates image ID of a document

and performs document control. An identification mark is generated from the image ID and synthesized with a portion or all of the documents, to produce search sheet for **facsimile**.

DETAILED DESCRIPTION - A controller extracts the identification mark on condition that the search sheet for **facsimile** was produced, and searches the document corresponding to the identification mark, and returns in the same call when a search sheet is input from a **facsimile** terminal.

USE - For **document** processing e.g. copying, **printing**, **transmission**.

ADVANTAGE - Prevents that communication time and communication **charge** increases more than required for extraction process of identification mark to be performed anew.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the digital compound machine.

pp; 13 DwgNo 1/11

Title Terms: DIGITAL; COMPOUND; MACHINE; CONTROL; EXTRACT; IDENTIFY; MARK; CONDITION; SEARCH; SHEET; **FACSIMILE**; PRODUCE; SEARCH; DOCUMENT; CORRESPOND; IDENTIFY; MARK

Derwent Class: T01; W02

International Patent Class (Main): H04N-001/32

International Patent Class (Additional): G06F-017/30

File Segment: EPI

6/5/17 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013662431 **Image available**

WPI Acc No: 2001-146643/200115

XPX Acc No: N01-107348

Interactive electronic book system for electronic book selection and delivery system, has interactive file coupled to text and graphics file through HTML link

Patent Assignee: DISCOVERY COMMUNICATIONS INC (DISC-N)

Inventor: ASMUSSEN M L; HENDRICKS J S

Number of Countries: 090 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200062177	A2	20001019	WO 2000US9543	A	20000411	200115 B
AU 200043376	A	20001114	AU 200043376	A	20000411	200115
EP 1171826	A2	20020116	EP 2000923211	A	20000411	200207
			WO 2000US9543	A	20000411	

Priority Applications (No Type Date): US 99289958 A 19990413

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200062177 A2 E 131 G06F-015/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200043376 A G06F-015/00 Based on patent WO 200062177

EP 1171826 A2 E G06F-015/00 Based on patent WO 200062177

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): WO 200062177 A2

NOVELTY - A control file is coupled to the text and graphics file provided in an interactive electronic book. An interactive file positioned in a file located away from the electronic book is coupled to the text and graphics file through a HTML link.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) an interactive electronic book;
- (b) a system for providing interactive electronic books;
- (c) a method for providing interactive exercises

USE - Interactive electronic book system, for electronic book selection and delivery system to distribute electronic books to book stores, public libraries, schools and consumers.

ADVANTAGE - Provides a secure system both for delivering selected **electronic books** and **receiving** payments. Eliminates the need for physical distribution of book. Avoids overhead costs, middle man **charges**, **printing** costs and time delay associated with current book distribution system. Enables to obtain published material and text such as president's address, a new law, court verdict quickly at nominal **fee**.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of electronic book.

pp; 131 DwgNo 23/27

Title Terms: INTERACT; ELECTRONIC; BOOK; SYSTEM; ELECTRONIC; BOOK; SELECT; DELIVER; SYSTEM; INTERACT; FILE; COUPLE; TEXT; GRAPHIC; FILE; THROUGH; LINK

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/00

File Segment: EPI

6/5/18 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013404799 **Image available**

WPI Acc No: 2000-576737/200054

XRPX Acc No: N00-427187

E - mail forwarding method involves forwarding received e - mail to corresponding inquiry window based on similarity between document in index text file and inquiry text of received e - mail

Patent Assignee: HITACHI JOHO SYSTEMS KK (HITA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000231520	A	20000822	JP 9932964	A	19990210	200054 B

Priority Applications (No Type Date): JP 9932964 A 19990210

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000231520	A		10	G06F-013/00	

Abstract (Basic): JP 2000231520 A

NOVELTY - The documents showing inquiry content for each inquiry windows (5a-5n) are stored in index text file (9). During reception of e - mail, a search unit (2) searches specific document in text file which is similar to inquiry text from received e - mail. A forwarding unit (3) forwards the e - mail to specific inquiry window corresponding to document with high similarity.

DETAILED DESCRIPTION - The inquiry content of e - mail is

forwarded to specific inquiry window, based on similarity between stored **documents** and received **e - mail** contact. If inquiry text of received **e - mail** and **document** in index text file does not reach any threshold value, the **e - mail** is forwarded to management unit (6). An INDEPENDENT CLAIM is also included for recording medium for storing **e - mail** forwarding program.

USE - For forwarding **e - mail** using help disk system.

ADVANTAGE - Forwarding accuracy of received **e - mail** is increased and operation burden of in- **charge** person is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of component of help disk system.

Search unit (2)

Forwarding unit (3)

Inquiry windows (5a-5n)

Management window (6)

Index text file (9)

pp; 10 DwgNo 1/4

Title Terms: MAIL; FORWARDING; METHOD; FORWARDING; RECEIVE; MAIL;
CORRESPOND; ENQUIRY; WINDOW; BASED; SIMILAR; DOCUMENT; INDEX; TEXT; FILE;
ENQUIRY; TEXT; RECEIVE; MAIL

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): H04L-012/54; H04L-012/58

File Segment: EPI

6/5/19 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013182963 **Image available**

WPI Acc No: 2000-354836/200031

XRFX Acc No: N00-265940

Electronic publication printing and billing apparatus in internet, prints delivered electronic publication in a file, based on received printing demand signal and delivers corresponding account data

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000112857	A	20000421	JP 98279602	A	19981001	200031 B

Priority Applications (No Type Date): JP 98279602 A 19981001

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000112857	A		6	G06F-013/00	

Abstract (Basic): JP 2000112857 A

NOVELTY - A receiver (3) receives the **printing** demand signal of delivered electronic publication. A **printing** unit (16) **prints** the delivery electronic publication in a file based on the output of the receiver. A delivery unit adds the corresponding account data to the file delivers them.

USE - For **printing** and **billing** of electronic publication in internet, personal computer communication.

ADVANTAGE - Since only the required portion of delivered electronic publication is acquired for **printing**, illegal electronic copy is prevented reliably. Enables to perform authenticity about the **billing** of **printed** matter of electronic publication efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows schematic diagram of components of electronic publication **printing** and **billing** apparatus.

Receiver (3)

Printing unit (16)

pp; 6 DwgNo 1/5

Title Terms: ELECTRONIC; PUBLICATION; **PRINT** ; **BILL** ; APPARATUS; **PRINT** ;
DELIVER; ELECTRONIC; PUBLICATION; FILE; BASED; RECEIVE; **PRINT** ; DEMAND;
SIGNAL; DELIVER; CORRESPOND; ACCOUNT; DATA

Derwent Class: T01; T05

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-003/12; G06F-017/30;

G06F-017/60

File Segment: EPI

6/5/20 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012091962 **Image available**

WPI Acc No: 1998-508873/199844

Related WPI Acc No: 1998-232821; 1999-207202

XRPX Acc No: N98-396882

**Electronic document delivery apparatus across internet - has server
dynamically generating private Uniform Resource Locator (PURL) to
distribute electronic document, PURL uniquely identifies intended
recipient of document and optionally other parameters specific to
document's delivery**

Patent Assignee: TUMBLEWEED SOFTWARE CORP (TUMB-N); TUMBLEWEED
COMMUNICATIONS CORP (TUMB-N)

Inventor: BANDINI J; SMITH J C

Number of Countries: 028 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 869652	A2	19981007	EP 98105986	A	19980401	199844 B
JP 11031127	A	19990202	JP 98126576	A	19980401	199915
US 6061448	A	20000509	US 97829976	A	19970401	200030
TW 396308	A	20000701	TW 98104858	A	19980331	200104
US 6192407	B1	20010220	US 96738966	A	19961024	200112
			US 97832784	A	19970404	
US 6487599	B1	20021126	US 96738966	A	19961024	200281
			US 97832784	A	19970404	
			US 99353164	A	19990714	

Priority Applications (No Type Date): US 97832784 A 19970404; US 97829976 A
19970401; US 96738966 A 19961024; US 99353164 A 19990714

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 869652 A2 E 38 H04L-029/06

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

JP 11031127 A 103 G06F-015/00

US 6061448 A H04L-009/00

TW 396308 A G06F-013/14

US 6192407 B1 G06F-015/16

CIP of application US 96738966

CIP of patent US 5790790

US 6487599 B1 G06F-015/16

CIP of application US 96738966

Cont of application US 97832784

CIP of patent US 5790790

Abstract (Basic): EP 869652 A

The apparatus delivers an **electronic document** between a sending and a **receiving** computer (16 and 22). A server (12) is interposed between the sending computer and the **receiving** computer so that the **electronic document** is **forwarded** to the server from the sending computer. The server dynamically generates a private Uniform Resource Locator (PURL) to distribute the electronic document. The PURL uniquely identifies an intended recipient of the electronic document and optionally other parameters specific to the document's delivery. The recipient uses PURL, to retrieve the document.

USE - Sending of formatted, post script documents over wide area network.

ADVANTAGE - Allows for push type information retrieval; i.e. sender can target users linked to network who have certain characteristics (interest areas, privileges). Improves on **e - mail** and **facsimile**, allowing large documents to be sent in short time. Maintains integrity of original document using encryption, with automatic and dynamic public key retrieval. Has advanced accounting and **billing** capability.

Dwg.3/25

Title Terms: ELECTRONIC; DOCUMENT; DELIVER; APPARATUS; SERVE; DYNAMIC; GENERATE; PRIVATE; UNIFORM; RESOURCE; LOCATE; PURL; DISTRIBUTE; ELECTRONIC; DOCUMENT; PURL; UNIQUE; IDENTIFY; INTENDED; RECIPIENT; DOCUMENT; OPTION; PARAMETER; SPECIFIC; DOCUMENT; DELIVER

Derwent Class: P85; T01; W01

International Patent Class (Main): G06F-013/14; G06F-015/00; G06F-015/16; H04L-009/00; H04L-029/06

International Patent Class (Additional): G06F-013/00; G06F-017/30; G06F-017/60; G09C-001/00

File Segment: EPI; EngPI

6/5/21 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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011838090 **Image available**

WPI Acc No: 1998-255000/199823

XRPX Acc No: N98-201476

Digital printing system used in DTP - includes bill output unit which outputs bill based on management data indicating name of document, terminals where booklet is to be delivered after or before producing booklet

Patent Assignee: DAINIPPON SCREEN SEIZO KK (DNIS)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10081035	A	19980331	JP 96261379	A	19960909	199823 B

Priority Applications (No Type Date): JP 96261379 A 19960909

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10081035	A	4	B41J-002/44	

Abstract (Basic): JP 10081035 A

The system includes a DTP group (1) from which the **digital data** of **document** is edited and **forwarded** to a control unit (2). The control unit outputs the indication of predetermined copies to be **printed**. A digital **printing** unit (4) **prints** the digital data based

on the output indication of the control unit. A book binding unit (5) binds the **printing** paper which is received from the digital **printing** unit, and produce a booklet for predetermined number of copies.

The digital image data includes contents of document and the management data indicating name of document and terminal where booklet is to be delivered. A **bill** output unit outputs the **bill** based on the management data, after or before producing the booklet.

ADVANTAGE - Produces **bill** automatically to terminal where document is delivered. Reduces installation space. Uses inexpensive digital **printing** unit.

Dwg.1/3

Title Terms: DIGITAL; **PRINT** ; SYSTEM; **BILL** ; OUTPUT; UNIT; OUTPUT; **BILL** ; BASED; MANAGEMENT; DATA; INDICATE; NAME; DOCUMENT; TERMINAL; BOOK; DELIVER; AFTER; PRODUCE; BOOK

Derwent Class: P75; T01; T04

International Patent Class (Main): B41J-002/44

International Patent Class (Additional): B41K-003/00; H04N-001/00;

H04N-001/32

File Segment: EPI; EngPI

6/5/22 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011775392 **Image available**

WPI Acc No: 1998-192302/199817

XRFX Acc No: N98-152197

Speed coordination system for document transferring apparatus, e .g. inserter - has printer which generates document pages within each packet and computer which coordinates envelope inserter operational speed with interval of time required by printer to generate incoming packet
Patent Assignee: INT BILLING SERVICES INC (ITBI-N); US COMPUTER SERVICES (USCO-N)

Inventor: EMIGH J D; FAGAN M J; KURUPPATH R; MULKEY S L; PISHNY J M
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5724791	A	19980310	US 95403335	A	19950314	199817 B

Priority Applications (No Type Date): US 95403335 A 19950314

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5724791	A		10	B65B-057/14	

Abstract (Basic): US 5724791 A

The system for coordinating an operational speed of a document transferring device that receives incoming packets of documents having a predetermined number of document pages, **printed by printer** (10), within each of the packets with an interval of time required to receive each incoming packet, comprises a document transferring device and the computer (20) programmed for coordinating the operational speed of the document transferring device with the interval of time required to receive each incoming packet. An inserter (25) is used to insert the packets into each envelope.

The computer (i) determines for a first incoming packet a number of document pages within the first incoming packet, (ii) establishes for a second incoming packet following the first incoming packet a number of document pages within the second incoming packet, and (iii) adjusts the operational speed of the transferring device based on the page

determinations for both the first and the second incoming packets.

USE - Envelope filling device e.g. for inserting advertisements, **billing** packets, coupons, return envelopes into envelopes.
ADVANTAGE - Minimises, based on length of time required to prepare incoming packets of documents, operational time of inserter receiving packets. Decreases mechanical wear on inserter and optimises efficiency of inserter.

Dwg.1/3

Title Terms: SPEED; COORDINATE; SYSTEM; DOCUMENT; TRANSFER; APPARATUS;
INSERT; **PRINT** ; GENERATE; DOCUMENT; PAGE; PACKET; COMPUTER; COORDINATE;
ENVELOPE; INSERT; OPERATE; SPEED; INTERVAL; TIME; REQUIRE; **PRINT** ;
GENERATE; INCOMING; PACKET

Derwent Class: Q31; T04; T06; X25

International Patent Class (Main): B65B-057/14

International Patent Class (Additional): B65B-059/02

File Segment: EPI; EngPI

6/5/23 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010984250 **Image available**

WPI Acc No: 1996-481199/199648

XRAM Acc No: C96-150442

XRPX Acc No: N96-405828

Sheets used in documents for e.g. pay transfer notices and lotteries - consisting of printing layer between substrate and developer layer

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8244350	A	19960924	JP 9577352	A	19950308	199648 B

Priority Applications (No Type Date): JP 9577352 A 19950308

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8244350	A		5	B41M-005/26	

Abstract (Basic): JP 8244350 A

A sheet has, on a substrate a developer forming colour on reaction with a coupler and, between the substrate and the developer layer, a **printing** layer capable of masking the information developed by the reaction of the developer and the coupler.

Pref. the **printing** layer consists of a substrate pattern or a **printed** pattern composed of repeated pattern units.

Also claimed is a sheet having, on a substrate, a layer contg. a coupler making a developer form colour and, between the substrate and the coupler layer, a **printing** layer capable of masking the information developed by the reaction of the developer and the coupler.

A sheet set consists of a first substrate having a coupler layer and a second substrate having a developer layer, superimposed together so that the coupler and developer layers contact each other. A **printing** layer capable of masking the information developed by the reaction of the developer and the coupler is disposed between the first substrate and the coupler layer or between the second substrate and the developer.

USE - The sheets are used in documents having recorded information which should be masked for a certain period, such as **pay** transfer

notices and lotteries.

ADVANTAGE - The sheets and sheet set permit sufficient masking of secret information and yet ensure sufficient capacity for recording open information.

Dwg.3/3

Title Terms: SHEET; DOCUMENT; **PAY** ; TRANSFER; NOTICE; LOTS; CONSIST;

PRINT ; LAYER; SUBSTRATE; DEVELOP; LAYER

Derwent Class: G05; P75; P76

International Patent Class (Main): B41M-005/26

International Patent Class (Additional): B42D-015/00; B42D-015/02;

B42D-015/04; B42D-015/10

File Segment: CPI; EngPI

6/5/24 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010443426 **Image available**

WPI Acc No: 1995-344745/199544

XRFX Acc No: N95-257629

Automatically associating user's signature with document for insurance kiosk - receiving signature on document in response to user touching screen with pointer and automatically associating signature with document to form signed document

Patent Assignee: MITCHAM M K (MITC-I)

Inventor: MITCHAM M K

Number of Countries: 061 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9525995	A1	19950928	WO 95US3623	A	19950322	199544 B
AU 9521267	A	19951009	AU 9521267	A	19950322	199603
US 5537315	A	19960716	US 94216667	A	19940323	199634

Priority Applications (No Type Date): US 94216667 A 19940323

Cited Patents: US 5049862; US 5297202

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9525995 A1 E 36 G06F-003/033

Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ

PL PT RO RU SD SE SI SK TJ TT UA UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC

MW NL OA PT SD SE SZ UG

AU 9521267 A G06F-003/033 Based on patent WO 9525995

US 5537315 A 27 G06F-017/60

Abstract (Basic): WO 9525995 A

A user's signature (1400) is automatically associated with a document by using a processing system with a touch-screen display (16) and a data storage system which stores at least one document. A document is specified within the processing system, and a signature (1400) is received in response to the user touching the touch-screen (16) using a pointing device. A signed document is created by automatically associating the signature (1400) with the document.

When a user's signature is required for association with a document e.g contract or insurance agreement, the user is prompted to sign the touch-screen (16) within the window (1400).

USE/ADVANTAGE - Creating signed document by **receiving** signature for association with **document** in e.g multimedia kiosks used as

automatic teller machines to enable withdrawals, deposits, balance enquiries etc at e.g banks, and in signing e.g insurance agreements etc.

Dwg.1/14b

Title Terms: AUTOMATIC; ASSOCIATE; USER; SIGNATURE; DOCUMENT; INSURANCE;
KIOSK; RECEIVE; SIGNATURE; DOCUMENT; RESPOND; USER; TOUCH; SCREEN; POINT;
AUTOMATIC; ASSOCIATE; SIGNATURE; DOCUMENT; FORM; SIGN; DOCUMENT
Derwent Class: T01
International Patent Class (Main): G06F-003/033; G06F-017/60
File Segment: EPI

6/5/25 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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010405261 **Image available**

WPI Acc No: 1995-306575/199540

XRPX Acc No: N95-232720

Facsimile appts. allowing insertion of additional information, to e
.g. invoice document, and transmission to other receivers -
transmits words, phrases or sentences, written e.g. using Chinese
characters, and representing additional information, e.g. address matched
with telephone number for abbreviated dialling NoAbstract

Patent Assignee: RICOH KK (RICO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7203091	A	19950804	JP 93336735	A	19931228	199540 B

Priority Applications (No Type Date): JP 93336735 A 19931228

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7203091	A		5	H04N-001/00	

Title Terms: **FACSIMILE** ; APPARATUS; ALLOW; INSERT; ADD; INFORMATION;
INVOICING ; DOCUMENT; TRANSMISSION; RECEIVE; TRANSMIT; WORD; PHRASE;
SENTENCE; WRITING; CHINESE; CHARACTER; REPRESENT; ADD; INFORMATION;
ADDRESS; MATCH; TELEPHONE; NUMBER; ABBREVIATE; DIAL; NOABSTRACT

Derwent Class: W02

International Patent Class (Main): H04N-001/00

File Segment: EPI

6/5/26 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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007696993 **Image available**

WPI Acc No: 1988-330925/198847

XRPX Acc No: N88-250825

Increasing encryption security of digital picture signals - sending as
data words in picture lines by varying bits in any one line

Patent Assignee: SIEMENS AG (SIEI)

Inventor: STREHL H

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3715080	A	19881117	DE 3715080	A	19870506	198847 B
DE 3715080	C	19890810				198932

Priority Applications (No Type Date): DE 3715080 A 19870506

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3715080	A		4		

Abstract (Basic): DE 3715080 A

The number of bits belonging to one picture line (BZ) is varied by an amount (L) equal to plus or minus n bits (where n=0,1,2,3...). A variation word (VW) of variable length is located in front of or after the digital picture signals in a picture line.

The amount (L) causes a variation in the length of the associated picture line by n=0 bits. The amount may be the length (k) of the variation word and may be calculated by a pseudo random generator or determined by the digital picture signals. The amount is transmitted encrypted.

USE/ADVANTAGE - E.g. for document image transmission, video scrambler for TV. Few parts, increased security.

2/2

Title Terms: INCREASE; ENCRYPTION; SECURE; DIGITAL; PICTURE; SIGNAL; SEND; DATA; WORD; PICTURE; LINE; VARY; BIT; ONE; LINE

Index Terms/Additional Words: TELEVISION; VIDEO; **FACSIMILE**

Derwent Class: W02

International Patent Class (Additional): H04L-009/00; H04N-001/44; H04N-007/16

File Segment: EPI

6/5/27 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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003590049

WPI Acc No: 1983-D8247K/198312

XRPX Acc No: N83-050165

Printing machine for use with credit cards - produces OCR-readable documents through sharp definition

Patent Assignee: DBS INC (DBSD-N)

Inventor: MAULSEN J A

Number of Countries: 005 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3228228	A	19830317				198312 B
FR 2511943	A	19820304				198314
GB 2107252	A	19830427	GB 8221560	A	19820726	198317
US 4423679	A	19840103	US 81294437	A	19810830	198404
GB 2107252	B	19850731				198531
CA 1190798	A	19850723				198534

Priority Applications (No Type Date): US 81294437 A 19810830

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3228228	A		30		

Abstract (Basic): DE 3228228 A

The printing machine provides a means of printing data from a credit card or other embossed document clearly, cleanly and sharply, so that the data can be read by an optical character reader. The machine has a base with a receiving bed for blank documents e.g. invoice forms, with a plate holding embossed constant data e.g. business name and address and several rotatable wheels for e.g. entering the date.

Above the base is a hinged carriage which can be pressed down by

hand onto the base when a credit card with embossed data is placed on a holder in the frame with two corner plates. Pref. the hinged carriage has a removable frame on its surface facing the base, the frame having a number of recesses to receive pressure rollers, which may be smooth or capable of receiving colour.

6/17

Title Terms: **PRINT** ; MACHINE; CREDIT; CARD; PRODUCE; OCR; READ; DOCUMENT;
THROUGH; SHARP; DEFINE

Index Terms/Additional Words: OPTICAL; CHARACTER; RECOGNISE

Derwent Class: P74; P75; T04

International Patent Class (Additional): B41F-003/00; B41K-003/32;

B41L-019/00; B41L-047/46

File Segment: EPI; EngPI